

Title (en)  
BATTERY PACK

Title (de)  
BATTERIEPACK

Title (fr)  
BATTERIE D'ACCUMULATEURS ELECTRIQUES

Publication  
**EP 3732764 B1 20230705 (FR)**

Application  
**EP 18842449 A 20181224**

Priority  
• FR 1763252 A 20171227  
• FR 2018053544 W 20181224

Abstract (en)  
[origin: CA3086877A1] The invention relates to a method for controlling a battery pack (5) comprising a first control circuit (BMS) and multiple modules disposed in series between first and second terminals (Phase, Neutral). Each module comprises, between third and fourth terminals (B +, B-), electric accumulators and switches and a second control circuit (12) for controlling the switches. The battery pack further comprises at least one first data transmission bus (BUS) connecting the first control circuit to each second control circuit, the first control circuit comprising a memory (MEM) in which linked lists are stored. Each linked list includes elements, each element comprising an identifier of one of the electric accumulators and at least one first pointer designating another element from the linked list.

IPC 8 full level  
**H02J 7/00** (2006.01); **H01M 10/00** (2006.01)

CPC (source: EP US)  
**H01M 10/425** (2013.01 - US); **H01M 10/441** (2013.01 - US); **H01M 10/482** (2013.01 - EP US); **H01M 50/51** (2021.01 - EP US);  
**H02J 7/0016** (2013.01 - EP); **H02J 7/0024** (2013.01 - EP US); **H01M 2010/4271** (2013.01 - EP US); **H01M 2010/4278** (2013.01 - US);  
**Y02E 60/10** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**FR 3076109 A1 20190628; FR 3076109 B1 20201225**; CA 3086877 A1 20190704; EP 3732764 A1 20201104; EP 3732764 B1 20230705;  
ES 2955935 T3 20231211; US 11881565 B2 20240123; US 2020373630 A1 20201126; WO 2019129992 A1 20190704

DOCDB simple family (application)  
**FR 1763252 A 20171227**; CA 3086877 A 20181224; EP 18842449 A 20181224; ES 18842449 T 20181224; FR 2018053544 W 20181224;  
US 201816958641 A 20181224